# Xin Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3602025/publications.pdf

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|---|---|---|---|
| 35<br>papers | 3,325<br>citations | 236925<br>25<br>h-index | 361022<br>35<br>g-index |
| 35<br>all docs | 35<br>docs citations | 35<br>times ranked | 4279<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | RiceSTOMATAL CYTOKINESIS DEFECTIVE2regulates cell expansion by affecting vesicular trafficking in rice. Plant Physiology, 2022, 189, 567-584. | 4.8 | 7 |
| 2 | Mitochondrion-targeted PENTATRICOPEPTIDE REPEAT5 is required for cis-splicing of nad4 intron 3 and endosperm development in rice. Crop Journal, 2021, 9, 282-296. | 5.2 | 7 |
| 3 | DHD4, a CONSTANS-like family transcription factor, delays heading date by affecting the formation of the FAC complex in rice. Molecular Plant, 2021, 14, 330-343. | 8.3 | 26 |
| 4 | Transcriptional activation and phosphorylation of OsCNGC9 confer enhanced chilling tolerance in rice. Molecular Plant, 2021, 14, 315-329. | 8.3 | 89 |
| 5 | white panicle2 encoding thioredoxin z, regulates plastid RNA editing by interacting with multiple organellar RNA editing factors in rice. New Phytologist, 2021, 229, 2693-2706. | 7.3 | 24 |
| 6 | Post-Golgi trafficking of rice storage proteins requires the small GTPase Rab7 activation complex MON1â€“CCZ1. Plant Physiology, 2021, 187, 2174-2191. | 4.8 | 17 |
| 7 | ENLARGED STARCH GRAIN1 affects amyloplast development and starch biosynthesis in rice endosperm. Plant Science, 2021, 305, 110831. | 3.6 | 6 |
| 8 | Determinant Factors and Regulatory Systems for Anthocyanin Biosynthesis in Rice Apiculi and Stigmas. Rice, 2021, 14, 37. | 4.0 | 20 |
| 9 | WRKY Transcription Factor OsWRKY29 Represses Seed Dormancy in Rice by Weakening Abscisic Acid Response. Frontiers in Plant Science, 2020, 11, 691. | 3.6 | 38 |
| 10 | GPA5 Encodes a Rab5a Effector Required for Post-Golgi Trafficking of Rice Storage Proteins. Plant Cell, 2020, 32, 758-777. | 6.6 | 44 |
| 11 | The APC/C<sup>TE</sup> E3 Ubiquitin Ligase Complex Mediates the Antagonistic Regulation of Root Growth and Tillering by ABA and GA. Plant Cell, 2020, 32, 1973-1987. | 6.6 | 45 |
| 12 | OsSHI1 Regulates Plant Architecture Through Modulating the Transcriptional Activity of IPA1 in Rice. Plant Cell, 2019, 31, 1026-1042. | 6.6 | 85 |
| 13 | FLOURY ENDOSPERM16 encoding a NADâ€dependent cytosolic malate dehydrogenase plays an important role in starch synthesis and seed development in rice. Plant Biotechnology Journal, 2019, 17, 1914-1927. | 8.3 | 50 |
| 14 | Ubiquitin Specific Protease 15 Has an Important Role in Regulating Grain Width and Size in Rice. Plant Physiology, 2019, 180, 381-391. | 4.8 | 90 |
| 15 | OsALMT7 Maintains Panicle Size and Grain Yield in Rice by Mediating Malate Transport. Plant Cell, 2018, 30, 889-906. | 6.6 | 81 |
| 16 | Overexpression of OsbHLH107, a member of the basic helix-loop-helix transcription factor family, enhances grain size in rice (Oryza sativa L.). Rice, 2018, 11, 41. | 4.0 | 42 |
| 17 | OsLBD37 and OsLBD38, two class II type LBD proteins, are involved in the regulation of heading date by controlling the expression of Ehd1 in rice. Biochemical and Biophysical Research Communications, 2017, 486, 720-725. | 2.1 | 25 |
| 18 | The LBD12-1 Transcription Factor Suppresses Apical Meristem Size by Repressing Argonaute 10 Expression. Plant Physiology, 2017, 173, 801-811. | 4.8 | 25 |

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|---|---|---|---|
| 19 | WHITE STRIPE LEAF4 Encodes a Novel P-Type PPR Protein Required for Chloroplast Biogenesis during Early Leaf Development. Frontiers in Plant Science, 2017, 8, 1116. | 3.6 | 71 |
| 20 | WSL3, a component of the plastid-encoded plastid RNA polymerase, is essential for early chloroplast development in rice. Plant Molecular Biology, 2016, 92, 581-595. | 3.9 | 30 |
| 21 | Pyrophosphate: fructose-6-phosphate 1-phosphotransferase (PFP) regulates carbon metabolism during grain filling in rice. Plant Cell Reports, 2016, 35, 1321-1331. | 5.6 | 50 |
| 22 | An evolutionarily conserved gene, <scp>FUWA</scp>, plays a role in determining panicle architecture, grain shape and grain weight in rice. Plant Journal, 2015, 83, 427-438. | 5.7 | 68 |
| 23 | Dwarf and tiller-enhancing 1 regulates growth and development by influencing boron uptake in boron limited conditions in rice. Plant Science, 2015, 236, 18-28. | 3.6 | 19 |
| 24 | VLN2Regulates Plant Architecture by Affecting Microfilament Dynamics and Polar Auxin Transport in Rice. Plant Cell, 2015, 27, tpc.15.00581. | 6.6 | 48 |
| 25 | The SnRK2-APC/CTE regulatory module mediates the antagonistic action of gibberellic acid and abscisic acid pathways. Nature Communications, 2015, 6, 7981. | 12.8 | 96 |
| 26 | GLUTELIN PRECURSOR ACCUMULATION3Encodes a Regulator of Post-Golgi Vesicular Traffic Essential for Vacuolar Protein Sorting in Rice Endosperm Â. Plant Cell, 2014, 26, 410-425. | 6.6 | 113 |
| 27 | A Novel Chloroplast-Localized Pentatricopeptide Repeat Protein Involved in Splicing Affects Chloroplast Development and Abiotic Stress Response in Rice. Molecular Plant, 2014, 7, 1329-1349. | 8.3 | 114 |
| 28 | A comprehensive genetic study reveals a crucial role of <scp>CYP90D2/D2</scp> in regulating plant architecture in rice (<scp>O</scp>ryza sativa). New Phytologist, 2013, 200, 1076-1088. | 7.3 | 68 |
| 29 | Targeted mutagenesis in rice using CRISPR-Cas system. Cell Research, 2013, 23, 1233-1236. | 12.0 | 802 |
| 30 | D14â€“SCFD3-dependent degradation of D53 regulates strigolactone signalling. Nature, 2013, 504, 406-410. | 27.8 | 669 |
| 31 | OsVPS9A Functions Cooperatively with OsRAB5A to Regulate Post-Golgi Dense Vesicle-Mediated Storage Protein Trafficking to the Protein Storage Vacuole in Rice Endosperm Cells. Molecular Plant, 2013, 6, 1918-1932. | 8.3 | 48 |
| 32 | Rice APC/CTE controls tillering by mediating the degradation of MONOCULM 1. Nature Communications, 2012, 3, 752. | 12.8 | 138 |
| 33 | Identification and Characterization of an Epi-Allele of FIE1 Reveals a Regulatory Linkage between Two Epigenetic Marks in Rice. Plant Cell, 2012, 24, 4407-4421. | 6.6 | 125 |
| 34 | Fine Mapping ofâ€‚qPAA8, a Gene Controlling Panicle Apical Development in Rice. Journal of Integrative Plant Biology, 2011, 53, no-no. | 8.5 | 32 |
| 35 | Pollen Semi-Sterility1Encodes a Kinesin-1â€“Like Protein Important for Male Meiosis, Anther Dehiscence, and Fertility in Rice. Plant Cell, 2011, 23, 111-129. | 6.6 | 113 |